

Lalitha Madhuri Divakaruni

Kitchener, ON, Canada

(548) 255-3567 | lalithamadhuri3@gmail.com

LinkedIn: <https://www.linkedin.com/in/lalithamadhuri> | Portfolio: <https://lalithaad.github.io/Portfolio/>

PROFESSIONAL SUMMARY: Full Stack Developer with 3+ years of experience designing secure, scalable web and mobile applications. Skilled in React, Next.js, Firebase, and API design, with a focus on user-centric, high-impact technology solutions. Passionate about creating performant, accessible interfaces and building modular, reusable components. Experienced in Agile environments collaborating cross-functionally to deliver seamless digital experiences.

TECHNICAL SKILLS

- **Frontend:** ReactJS, Next.js, React Hooks, TypeScript, Redux, JavaScript (ES6+), HTML5, CSS3, Sass, Figma
- **Backend:** Node.js, Express.js, REST APIs, OAuth2, JWT
- **CMS:** Contentful, Firebase
- **Cloud & DevOps:** AWS (Lambda, API Gateway, SNS, RDS), GCP (Cloud Run, Firebase), Docker, GitHub Actions, CI/CD Pipelines
- **Testing & QA:** Jest, React Testing Library, Unit Testing, A/B Testing, Accessibility Audits (ARIA, WCAG 2.1)
- **Build Tools:** Webpack, NPM
- **Data & Analytics:** GraphQL, Google Analytics, Basic Statistics for User Growth & Engagement Metrics
- **Practices:** Agile Scrum, Cross-functional Collaboration, Continuous Integration, Code Reviews.

EXPERIENCE

Frontend Engineer

Vosyn Inc., Toronto, ON — May 2025 – Present

- Refactored monolithic frontend into modular ReactJS and Next.js components, improving load times by 30% and reducing frontend bugs by 25%.
- Integrated Redux and Axios with Django REST APIs, enhancing responsiveness by 20%.
- Automated CI/CD pipelines using Docker and GitHub Actions, reducing deployment time by 25%.
- Partnered with UX, Marketing, and Content teams to implement dynamic content management via Contentful CMS, increasing site maintainability and reducing time-to-update.
- Led accessibility improvements aligned with WCAG 2.1 standards, increasing compliance by 40%.
- Developed unit and integration tests using Jest and React Testing Library, cutting post-release defects by 30%.
- Collaborated in sprint planning and user story refinement, leveraging analytics to measure feature impact on user engagement and retention.

Software Developer

CodeCrafter Solutions, Hyderabad, India — Jul 2022 – Apr 2023

- Developed reusable ReactJS components and frontend libraries, accelerating feature delivery by 25%.
- Built secure backend APIs with Node.js, Express, and Firebase Auth supporting role-based access control.
- Optimized PostgreSQL queries and Spring Boot microservices, improving backend latency by 35%.
- Conducted A/B testing on UI/UX features, increasing user retention by 18%.
- Collaborated with product and marketing teams to align features with customer growth goals and analyzed results using Google Analytics.

Junior Web Developer

TechNova Solutions, Hyderabad, India — Nov 2021 – Aug 2022

- Built real-time dashboards with React and Firebase, improving analytics throughput by 35%.
- Enhanced frontend performance through lazy loading and caching, reducing time-to-interactive by 40%.
- Supported Jenkins/Maven CI/CD pipelines and validated production deployments.
- Conducted accessibility audits and implemented inclusive design patterns compliant with WCAG standards.

TECHNICAL PROJECTS

CropCrew – Android Farm Management App (2024)

- Developed a mobile-first Android app for farm task management and coordination.
- Implemented secure login, GPS tracking, and real-time weather updates.
- Used Firebase Realtime Database for offline access and sync.
- Designed modular UI components following Material Design.
- Delivered a working prototype enabling real-time task tracking.

Medicine Reminder App (2024)

- Built an Android app with alarm-based medication reminders.
- Created an intuitive UI for scheduling and editing reminders.
- Achieved 95% reminder accuracy during classroom testing.
- Received positive user feedback on simplicity and reliability.

Search Engine with Machine Learning (2022–23)

- Developed a Python backend search engine applying ML for relevance ranking.
- Built responsive UI for improved user search interaction.
- Improved result relevance by 30% compared to traditional keyword search.

Android Tour Recommendation System (2022)

- Created an app recommending personalized travel destinations using REST APIs.
- Integrated user preferences and location data for dynamic suggestions.
- Designed interactive UI with maps and recommendations.
- Increased demo user engagement by 40%.

Decor Master – Flutter-based Home Decor App (2022)

- Built a Flutter app suggesting home decor ideas from room images.
- Implemented navigation, input handling, and interactive UI components.
- Planned future AR and image analysis features.
- MVP received positive academic feedback.

EDUCATION

Bachelor of Information Technology

Jawaharlal Nehru Technological University, Hyderabad, India

CERTIFICATIONS

- AWS Cloud Virtual Internship— Fundamentals of Cloud Infrastructure and Deployment
- AICTE AI-ML Virtual Internship — Machine Learning and Cloud Integration Basics
- CCNA: Introduction to Networks — Networking Fundamentals
- Google UX Design Foundations (In Progress) — User-Centered Design Principles
- Building LLM Applications with Prompt Engineering (In Progress) — Advanced AI Applications

ADDITIONAL INFORMATION

- **Work Authorization:** Eligible to work in Canada
- **Languages:** English (Fluent), Telugu (Native), Hindi (Conversational)
- **Availability:** Relocation or on-site Toronto role – open

- **Keywords:** ReactJS, TypeScript, A/B Testing, Event-Driven UI, WCAG, CI/CD, Modular Frontend, Figma, AI-Enhanced UX, Agile Delivery, Firebase, Scalable Design Systems